

Laser	Channel	Bandpass Filter (nm)	Primary Fluorochrome	Other Fluorochromes
Ultraviolet 355nm 20mW	UV1	373/15	Spark UV 387	
	UV2	388/15	BUV395	StarBright UV 400
	UV3	428/15		
	UV4	443/15	FVS440UV	
	UV5	458/15		
	UV6	473/15	Alexa Fluor 350	StarBright UV 445, Live/Dead Blue
	UV7	514/28	BUV496	StarBright UV 510, DAPI
	UV8	542/28		
	UV9	582/31	BUV563	StarBright UV 575
	UV10	613/31	BUV615	StarBright UV 605
	UV11	664/27	BUV661	StarBright UV 665
	UV12	692/28		
	UV13	720/29		
	UV14	750/30	BUV737	StarBright UV 740
	UV15	780/30		
	UV16	812/34	BUV805	StarBright UV 795
Violet 405nm 100mW	V1	428/15	BV421	
	V2	443/15	SuperBright 436	Alexa Fluor 405, Vio Bright V423, Spark Violet 423, StarBright Violet 440
	V3	458/15	eF450	V450, Pacific Blue, vF450, VioBlue, eBFP, eBFP2
	V4	473/15	SYTOX Blue	
	V5	508/20	BV480	V500, Spark Violet 500, StarBright Violet 475
	V6	525/17	StarBright Violet 515	mAmetrine
	V7	542/17	BV510	Spark Violet 538, VioGreen, Live/Dead Fixable Aqua
	V8	581/19	BV570	StarBright Violet 570, Pacific Orange
	V9	598/20		
	V10	615/20	BV605	SuperBright 600, StarBright Violet 610, mKeima
	V11	664/27	BV650	SuperBright 645, StarBright Violet 670
	V12	692/28		
	V13	720/29	BV711	SuperBright 702, StarBright Violet 710
	V14	750/30	BV750	StarBright Violet 760
	V15	780/30	BV786	BV785, SuperBright 780, StarBright Violet 790
	V16	812/34		
Blue 488nm 50mW	B1	508/20	BB515	VioBright B515, Vio B515, NovaFluor Blue 510, eGFP, ZsGreen
	B2	525/17	FITC	AF488, VioBright FITC, KIRAVIA Blue 520, CFSE
	B3	542/17	RB545	AF532, Spark Blue 550, NovaFluor Blue 530, NovaFluor Blue 555, eYFP, mVenus

Blue 488nm 50mW	B4	581/19	StarBright Blue 580	Spark Blue 574
	B5	598/20	NovaFluor Blue 585	
	B6	615/20	BB630	StarBright Blue 615, NovaFluor Blue 610-30S, NovaFluor Blue 610-70S
	B7	661/17	BB660	
	B8	679/18	PerCP	StarBright Blue 675, NovaFluor Blue 660-120S
	B9	697/19	PerCP-Cy5.5	BB700, StarBright Blue 700
	B10	717/20	PerCP-eF710	PerCP-Vio700
	B11	738/21		
	B12	760/23	BB755	StarBright Blue 765
	B13	783/23		
B14	812/34	RB780	BB790, StarBright Blue 810	
Yellow-Green 561nm 50mW	YG1	577/20	PE	Alexa Fluor 555, StarBright Yellow 575, NovaFluor Yellow 570, Spark YG 570, Spark YG 581, tdTomato, RFP, DsRed
	YG2	598/20	RY586	NovaFluor Yellow 590, Spark YG 593
	YG3	615/20	PE-CF594	PE-Texas Red, PE-eF610, PE-Dazzle 594, PE-Vio615, StarBright Yellow 605, Alexa Fluor 594, NovaFluor Yellow 610, mCherry
	YG4	661/17	PI	PE-Fire 640, StarBright Yellow 665, NovaFluor Yellow 660, 7-AAD
	YG5	679/18	PE-Cy5	
	YG6	697/19	NovaFluor Yellow 690	
	YG7	720/29	PE-Cy5.5	PE-Fire 700, StarBright Yellow 720, NovaFluor Yellow 700, NovaFluor Yellow 730
	YG8	750/30		
	YG9	780/30	PE-Cy7	PE-Vio770, StarBright Yellow 800, NovaFluor Yellow 755
	YG10	812/34	PE-Fire 810	
Red 640nm 80mW	R1	661/17	APC	STYOX Red, Cy5
	R2	679/18	AF647	eF660, Vio R667, Vio Bright R667, NovaFluor Red 660, NovaFluor Blue 660-40S, miRFP670
	R3	697/19	NovaFluor Red 700	Alexa Fluor 660, Spark NIR 685, NovaFluor Red 685, miRFP
	R4	717/20	AF700	Red 718, APC-R700, Vio Bright R720, redFluor710, NovaFluor 710
	R5	738/21	NovaFluor Red 725	Spark Red 718
	R6	760/23		
	R7	783/23	APC-eF780	APC-Cy7, APC-H7, APC-Vio770, APC-Fire 750, NovaFluor Red 755, Ghost Dye Red 780
	R8	812/34	APC-Fire 810	